



T23 ULTRAPRO-J SERIES

ULTRA HIGH-PERFORMANCE FULLY SYNTHETIC DIESEL ENGINE OIL

T23 UltraPro-J Series is an ultra-high performance fully synthetic diesel engine oil formulated using highly refined synthetic base stocks couple with a unique high performance additive package to meet the most stringent requirements of today's high performance North America and European diesel engines operating under severe conditions.

T23 UltraPro-J Series engine oil is designed based on low SAPs technology thus it is particularly suitable for lubricating Euro 4, 5 and 6 heavy duty diesel engines equipped with DPF.

T23 UltraPro-J Series engine oil is also suitable for used in vehicle fitted with after-treatment systems such as NOx reduction, EGR or SCR (Selective Catalytic reduction) systems.

APPLICATIONS

T23 UltraPro-J Series engine oil is suitable for used in Euro 4, 5 and 6 diesel engines as well as in high soot loading Off-highway engines used in mining, agricultural, stationary power generation and construction.

TYPICAL PROPERTIES

PROPERTIES	TEST METHOD	TYPICAL RESULTS
SAE Grade	SAE J 300	10W40
Specific Gravity @ 15°C	ASTM D-4052	0.8610
Flash Point, °C	ASTM D-92	220 (min)
Pour Point, °C	ASTM D-97	-36
Kinematics Viscosity		
@ 40°C (cSt)	ASTM D-445	89.50
@ 100°C (cSt)	ASTM D-445	13.60
Viscosity Index	ASTM D-2270	155
TBN (mgKOH/g)	ASTM D-2896	12.80
Colour	ASTM D-1500	L3.0

BENEFITS

- Compatible with After-treatment system used in Euro 4, 5 and 6 vehicles;
- Exceptional soot dispersancy abilities avoids filter plugging, cylinder head sludge, abrasive wear and oil thickening;
- Excellent anti-rust and anti-corrosion properties protect the engine by neutralizing the acidic by-products from combustion;
- Excellent resistance against formation of varnish, sludge and carbon deposits;
- Superior thermal stability and anti-oxidation properties.

Consult Owner Guide for specific application and suitability of the oil grade selected.

SPECIFICATIONS & STANDARDS

T23 UltraPro-J Series engine oil meets the performance standards of:

API CJ-4	Cat ECF-3	Volvo VDS-4
ACEA E4/E6/E7/E9-12		Cummins CES 20081
Detroit Diesel 93K218		MB Approval 235.28
Deutz DQC-IV-10 LA		MB Approval 228.51
Mack EO-O Premium Plus		MTU TYPE 3.1
Renault RLD-2/3		Voith Retarder Oil Class B
Scania Low Ash		MAN M3477/3575/M3271-1

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